Serial No. 10604,401 Examiner: Theresa T. Snider

Group Art Unit: 1744

Filed: 07/17/03

Page 2 of 17

Amendments to the Specification

Please amend paragraphs 21, 24, 29 and 30 as shown below:

[0021] With reference to FIGS. 1 and 2, an upright vacuum cleaner 10 comprises an upright handle assembly 12 and a foot assembly 14. The upright handle assemble 12 comprises a module platform 24, an elongated structural support 19 and a detachable cyclonic vacuum module 16. The elongated structural support 19 is formed by a pair of spaced apart elongated frames in the form of support tubes 20 that are joined to form a grip 18 at an upper portion thereof. The support tubes 20 merge in an arc-like configuration at an upper end of the support tubes 20 and merge into the grip 18. A mechanical stop 22 is positioned approximately midway between a lower end of each support tube 20 and the arc-like configuration. The stop 22 is a block-like structure to provide lateral support for the detachable cyclonic vacuum module 16. The module platform 24 is rigidly attached to the lower ends of the support tubes 20 in a generally perpendicular fashion. Wheel axle bearings (not shown) extend through the first end of the support tube 20 in a horizontal direction. The upright handle assembly 12 including the module platform 24 rotates about the wheel axle bearings. An upholstery tool 26 is removably attached to a recessed upholstery tool caddy 28 located on an upper rearward surface of the upright handle assembly 12.

[0024] Referring to FIGS. 1, 2 and 3, the detachable cyclonic vacuum module 16 further comprises a module housing 46, a cyclonic separator 48, a removable dirt cup 50, a dirt cup latch 52, a filter tray assembly 54, fan chamber 56, an external hose 58 and an outlet air conduit 60. The module housing 46 provides structure for the detachable cyclonic vacuum module 16. Cavities are formed within the module housing 46 to support the cyclonic separator 48, the removable dirt cup 50, and the fan chamber 56. A handle 62 is integrally formed in at an upper surface of the module housing 46. Handle 62 provides a convenient location for a user to grasp and lift the detachable cyclonic vacuum module 16. The external hose 58 has at one end a hose

Serial No. 10604,401 Examiner: Theresa T. Snider

Filed: 07/17/03 Group Art Unit: 1744

Page 3 of 17

fitting 94 that is removably received in air conduit interface 44 and the other end is connected to cyclone air inlet aperature 78.

[0029] All of the elements that create suction are contained within the cyclonic vacuum module 48. When the detachable cyclonic vacuum module 16 is attached to the upright handle assembly 12 the device may be operated as an ordinary upright vacuum cleaner. When power is applied to the fan motor assembly 64, fan 66 turns creating an airflow. Suction is created at suction nozzle 40 thus drawing debris into the working air path. Dirt laden air continues to flow through the working air conduit 40 into hose 58 through inlet air aperture 78 whereby the dirt laden air is forced to rotate within the cyclonic separator 48, thus separating the dirt from the air. Clean air then passes through cylindrical screen 88 through exhaust outlet 80, through outlet air conduit 60 and into fan chamber 56 as previously described. With the detachable cyclonic vacuum module 16 detached from the upright handle assembly 12, the flexible hose 58 can be removed from a hose fitting 94 comprising a hollow conduit that is rigidly attached to a lower rearward surface of the module housing 46can be removed from the air coupling interface 44. Thus the user can attach the upholstery tool 26 to the free end of the hose 58hose fitting 94, and utilize the detachable cyclonic vacuum module 16 as an effective portable upholstery cleaning device.

[0030] Referring now to FIG. 6 where like numerals have been used to describe like parts, a detachable cyclone cleaning module 100 includes a module housing 102, a cyclone separation chamber 104 formed within the module housing 102, a flexible suction conduit 110 and a motor driven fan 66. The cyclone separation chamber has an inlet opening 106 and an outlet opening 108. The flexible suction conduit 110 has a first end 110-112 connected to the housing and a second end 114 with hose coupling 94 that is adapted to mount into the module platform suction opening when the cleaning module is mounted to the module platform 24 (FIGS. 1-3) and is freely movable when the cleaning module is removed from the module platform 24. The motor driven fan 66 has an inlet opening 118 that is connected to the suction

Serial No. 10604,401 Examiner: Theresa T. Snider

Filed: 07/17/03 Group Art Unit: 1744

Page 4 of 17

conduit first end 110-112 and an outlet opening 116 that is connected to the inlet 106 to the cyclone separation chamber 104. The outlet to the cyclone separation chamber 104 is connected to a filter to removed remaining dirt and dust fines that are not separated from the air in the cyclone separation chamber 104. A dirt cup 124 is mounted in the module housing beneath the cyclone separation chamber to collect dirt and dust separated from the air in the cyclone separation chamber.